

Historical Floods: Appomattox River at Mattoax, Virginia

Latitude: 37.421

Flood Stage: 21 ft

Period of Record: 1901-Present

Last Flood: 12/27/2015

Longitude: -77.859

Number of Floods: 82

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/25/1901	-9999.00	13,400	Missing	C1
2/28/1902	-9999.00	12,000	Missing	C1
3/25/1903	-9999.00	10,600	Missing	C1
8/15/1928	25.94	11,200	Moderate	none
3/10/1932	22.50	6,700	Minor	none
3/8/1934	23.40	7,800	Minor	none
12/4/1934	23.66	8,190	Minor	none
3/20/1936	25.27	10,300	Moderate	none
1/6/1937	23.15	7,540	Minor	none
1/22/1937	22.94	7,180	Minor	none
4/28/1937	29.27	20,100	Major	none
10/24/1937	21.63	5,480	Minor	none
6/24/1938	24.21	8,840	Minor	none
7/29/1938	23.57	8,060	Minor	none
8/18/1940	35.30	35,000	Major	none
2/9/1943	21.64	5,700	Minor	none
9/23/1944	25.30	10,300	Moderate	none
9/22/1945	25.30	10,300	Moderate	none
2/18/1948	23.10	7,420	Minor	none
12/7/1948	24.39	9,100	Minor	none
11/4/1949	22.09	6,230	Minor	none

12/24/1951	23.20	7,540	Minor	none
3/28/1952	21.22	5,360	Minor	none
11/24/1952	21.70	5,800	Minor	none
8/21/1955	26.53	12,100	Moderate	none
1/2/1959	22.26	6,460	Minor	none
2/23/1960	21.50	5,610	Minor	none
4/9/1960	22.22	6,340	Minor	none
10/21/1961	21.63	5,700	Minor	none
1/10/1962	22.84	7,060	Minor	none
6/2/1971	24.34	8,970	Minor	none
10/27/1971	32.30	26,100	Major	none
6/25/1972	34.08	31,100	Major	none
10/7/1972	31.10	22,400	Major	none
5/1/1973	23.60	8,060	Minor	none
12/25/1973	21.67	5,770	Minor	none
9/10/1974	23.81	8,330	Minor	none
3/18/1975	25.36	10,500	Moderate	none
3/23/1975	23.24	7,540	Minor	none
4/2/1975	22.55	6,820	Minor	none
7/17/1975	23.39	7,800	Minor	none
9/29/1975	25.66	10,900	Moderate	none

Drainage Area: 725 sq mi

Gage Datum: 174.51 ft MSL

Appomattox Basin

County of Gage: Amelia

County of Forecast Point: Amelia

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1/4/1976	22.28	6,440	Minor	none
1/13/1978	21.17	5,360	Minor	none
1/28/1978	27.73	14,000	Moderate	none
3/14/1978	25.38	10,500	Moderate	none
1/25/1979	22.54	6,700	Minor	none
2/26/1979	30.84	21,600	Major	none
9/9/1979	21.57	5,700	Minor	none
9/25/1979	24.06	8,710	Minor	none
10/2/1979	23.27	7,630	Minor	none
4/19/1983	23.81	8,330	Minor	none
2/15/1984	22.10	6,230	Minor	none
3/29/1984	24.80	9,640	Minor	none
4/1/1984	23.00	7,300	Minor	none
11/7/1985	26.64	12,300	Moderate	none
3/5/1987	21.47	5,580	Minor	none
4/19/1987	25.96	11,300	Moderate	none
3/8/1993	26.38	11,900	Moderate	none
12/1/1993	26.54	12,100	Moderate	none
12/9/1993	21.53	5,750	Minor	none
3/6/1994	24.59	9,030	Minor	none
4/1/1994	24.74	9,240	Minor	none

1/23/1996	22.42	6,320	Minor	none
9/10/1996	27.49	13,800	Moderate	none
2/1/1998	24.77	9,280	Minor	none
2/8/1998	23.39	7,440	Minor	none
2/21/1998	21.21	5,580	Minor	none
3/22/1998	25.85	10,900	Moderate	none
2/26/2003	21.94	5,965	Minor	none
3/24/2003	25.19	9,900	Moderate	none
4/13/2003	22.54	6,447	Minor	none
9/23/2003	27.33	13,500	Moderate	none
10/11/2006	22.97	6,940	Minor	none
1/5/2007	23.80	7,960	Minor	none
11/16/2009	24.36	8,710	Minor	none
12/14/2009	22.07	6,040	Minor	none
12/17/2009	21.05	5,460	Minor	none
1/21/2013	21.04	5,380	Minor	C4 F1
5/4/2014	23.50	7,990	Minor	none
5/20/2014	25.09	10,200	Moderate	C4 F1
12/27/2015	25.17	10,400	Moderate	none

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-9999 signifies missing data

MARFC Codes

Code	Description
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.
C3	Crest height estimated by the USGS.
C4	Crest height is from the National Weather Service.
C5	Crest height affected by backwater.
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
G2	Gage datum changed during this year.

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